

Title (en)
METHOD FOR A MICROBIAL FERMENTATION PROCESS

Title (de)
VERFAHREN FÜR EINEN MIKROBIELLEN FERMENTATIONSPROZESS

Title (fr)
PROCÉDÉ POUR UN PROCESSUS DE FERMENTATION MICROBIENNE

Publication
EP 4180529 A1 20230517 (EN)

Application
EP 21207910 A 20211112

Priority
EP 21207910 A 20211112

Abstract (en)
The present invention relates to method for a microbial fermentation process involving fermentation of a fermentation media derived from biomass to a target fermentation product. The method comprising: providing a reference curve defined by a predetermined weight ratio of galactose to xylose as a function of acetic acid concentration present in the fermentation media; providing a first biomass-based stream and a second biomass-based stream different to the first biomass-based stream, comprising galactose and xylose; mixing the first and second biomass-based streams; providing a fermentation media by treating the mixed first and second biomass-based streams, or treating the first and second biomass-based streams separately prior to the mixing, wherein the mixing of the first and second biomass-based streams results in a weight ratio of galactose to xylose in the fermentation media closer to the reference curve compared to at least one of the first and second biomass-based streams; and fermenting the fermentation media by means of fermentation microorganisms, such that the xylose and galactose are simultaneously fermented into the same target fermentation product.

IPC 8 full level
C12P 7/10 (2006.01); **C12N 1/22** (2006.01); **C12P 7/08** (2006.01)

CPC (source: EP)
C12N 1/22 (2013.01); **C12P 7/08** (2013.01); **C12P 7/10** (2013.01); **C12P 2203/00** (2013.01); **Y02E 50/10** (2013.01)

Citation (applicant)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4180529 A1 20230517; WO 2023083967 A1 20230519

DOCDB simple family (application)
EP 21207910 A 20211112; EP 2022081478 W 20221110